

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000591.D
 Acq On : 31 Mar 2018 14:28
 Operator : JC/MD
 Sample : J2142-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

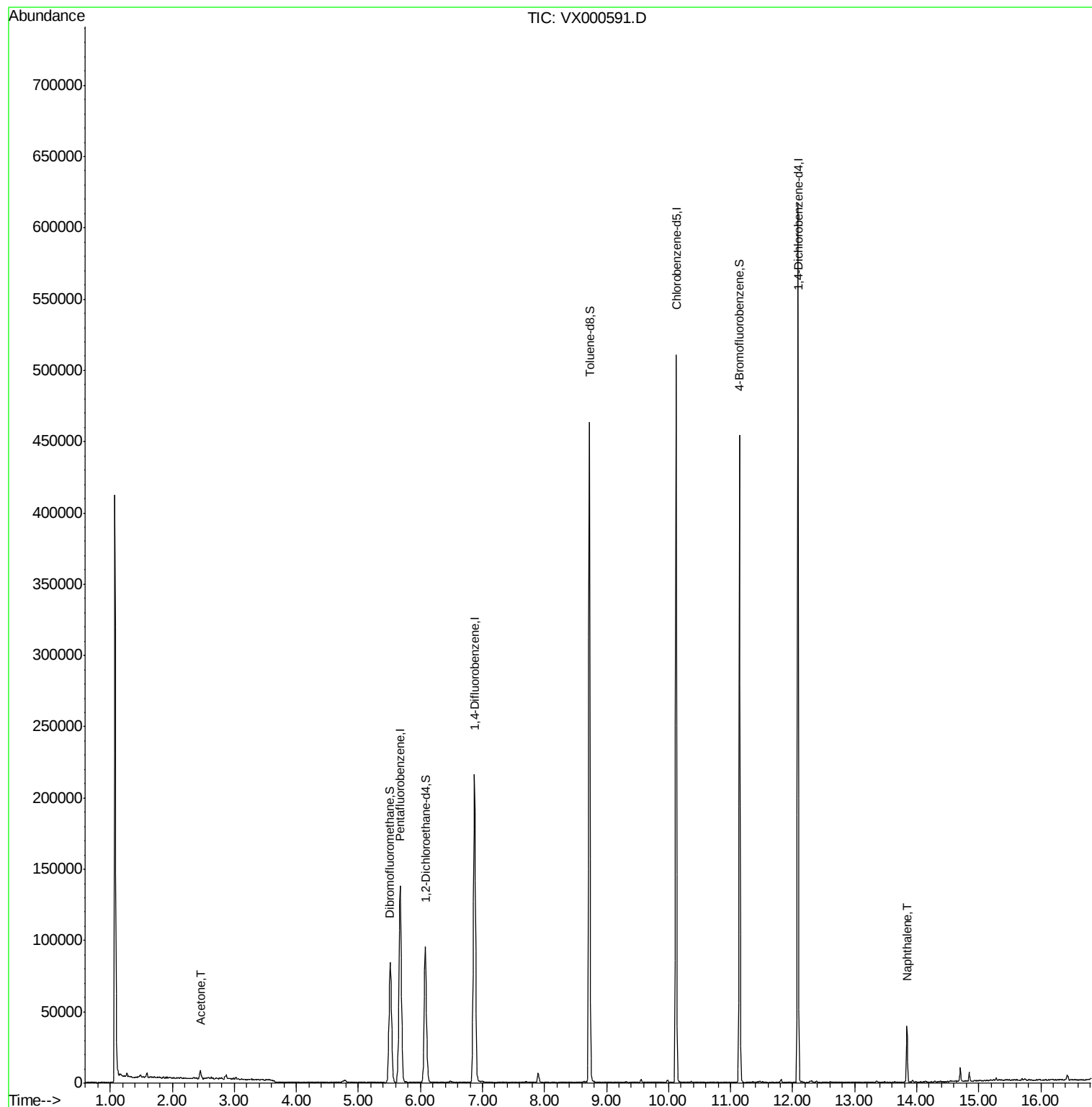
Quant Time: Apr 02 06:25:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	218183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	86654	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	5.52	113	65620	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	8.73	98	271414	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.15	95	97502	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
16) Acetone	2.45	43	6347	4.56	ug/l	93
95) Naphthalene	13.84	128	22746	2.44	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000591.D

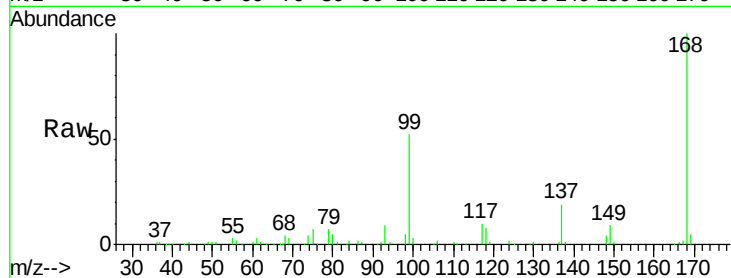
Acq: 31 Mar 2018 14:28

Tot Ion:168 Resp: 128255

Ion Ratio Lower Upper

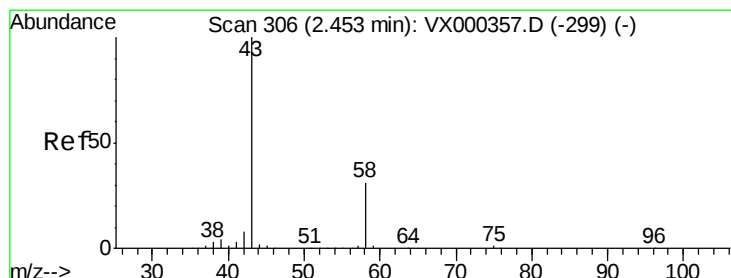
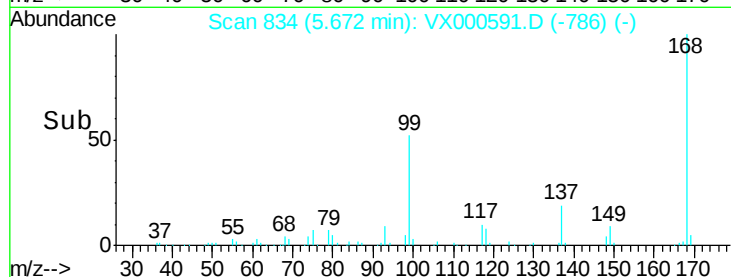
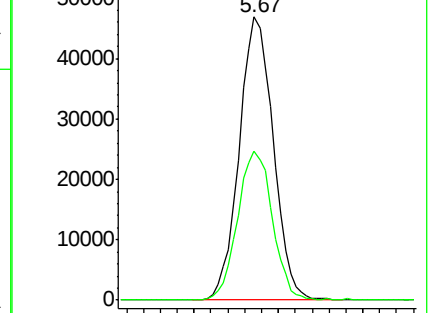
168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000591.D

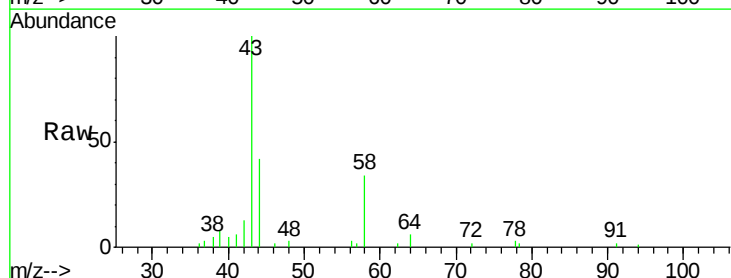
Acq: 31 Mar 2018 14:28

Tgt Ion: 43 Resp: 6347

Ion Ratio Lower Upper

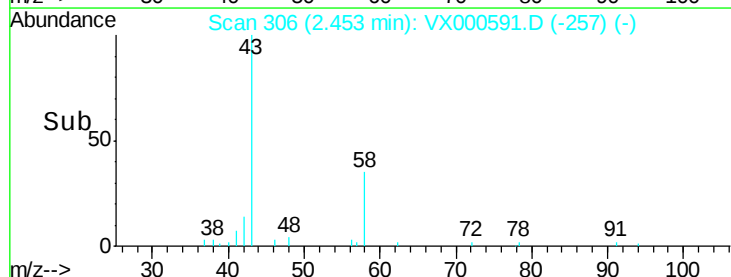
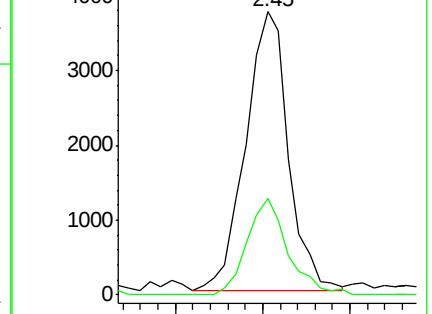
43 100

58 34.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

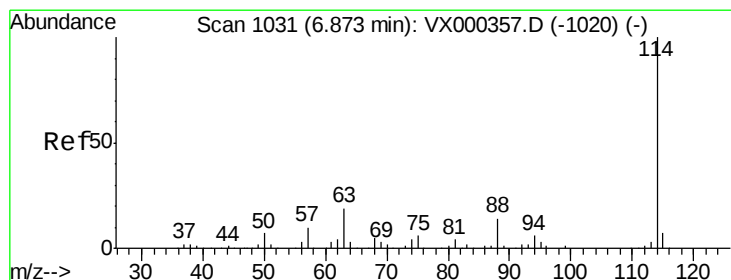
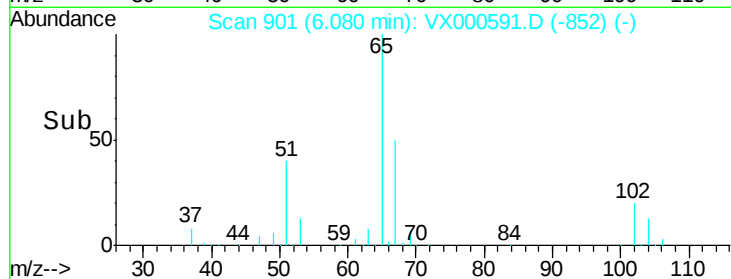
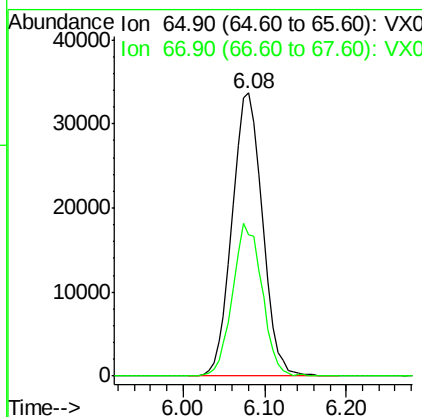
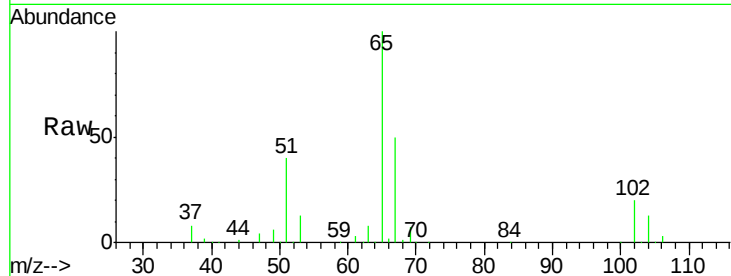
Ion 58.00 (57.70 to 58.70): VX0





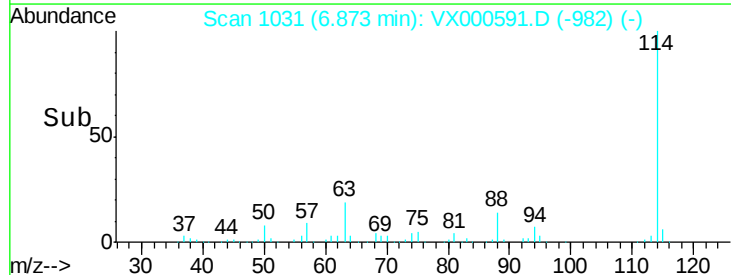
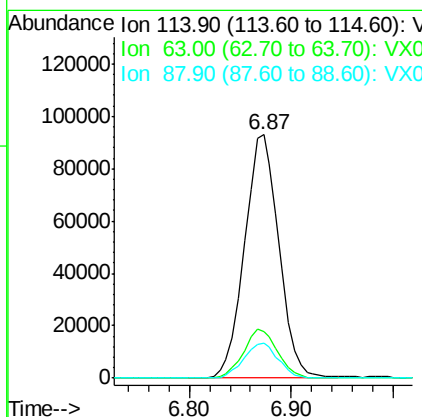
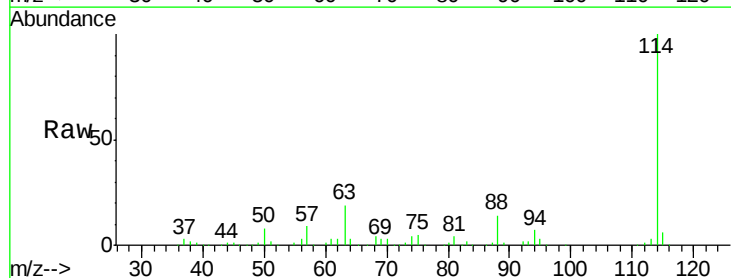
#33
 1,2-Dichloroethane-d4
 Concen: 51.76 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000591.D
 Acq: 31 Mar 2018 14:28

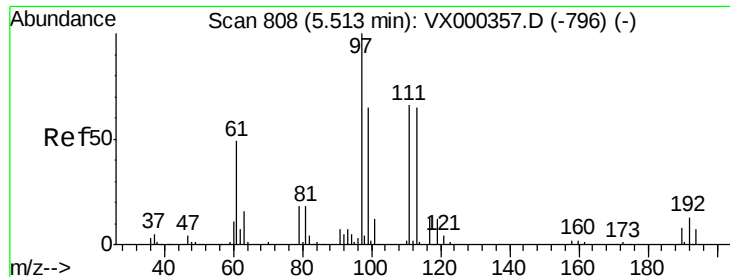
Tot Ion: 65 Resp: 86654
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000591.D
 Acq: 31 Mar 2018 14:28

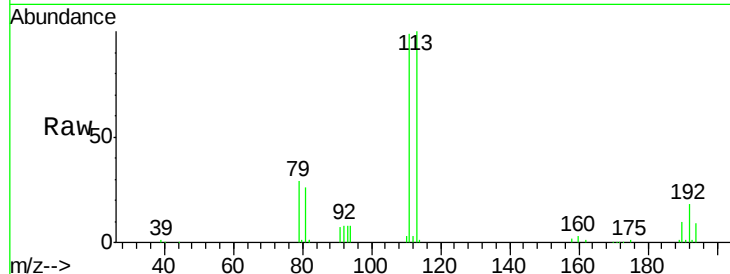
Tgt Ion: 114 Resp: 218183
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.2 0.0 27.0



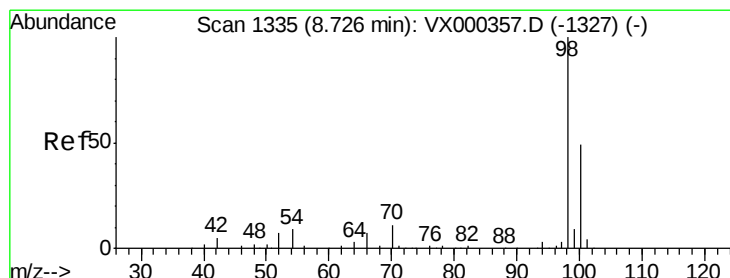
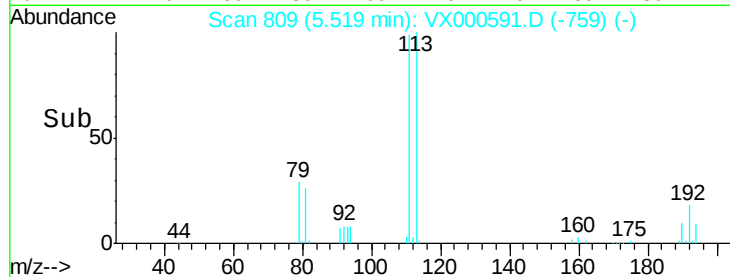
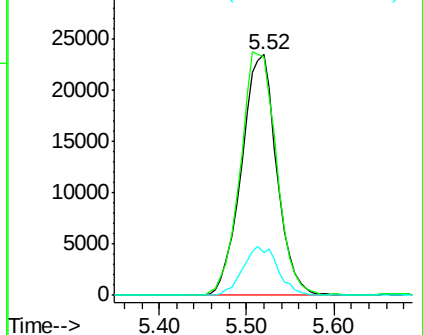


#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000591.D
 Acq: 31 Mar 2018 14:28

Tot Ion:113 Resp: 65620
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 20.2 15.8 23.6

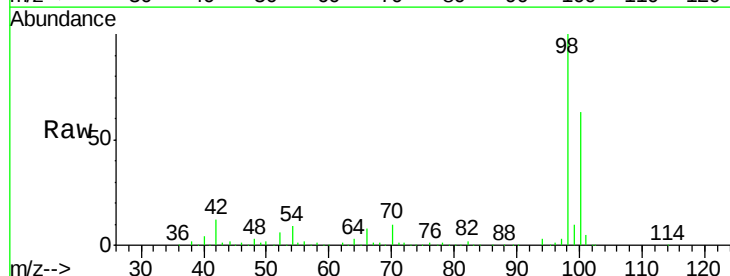


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

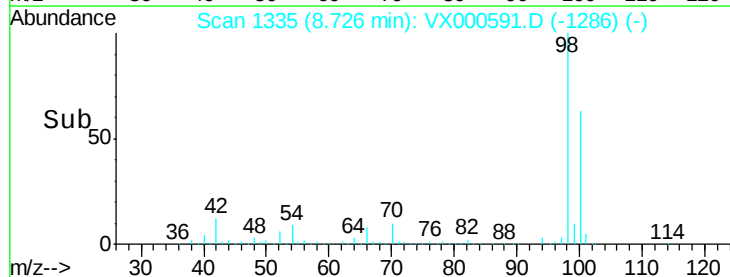
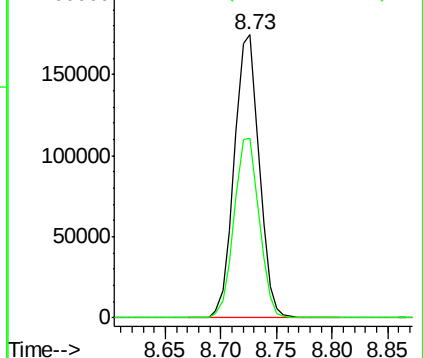


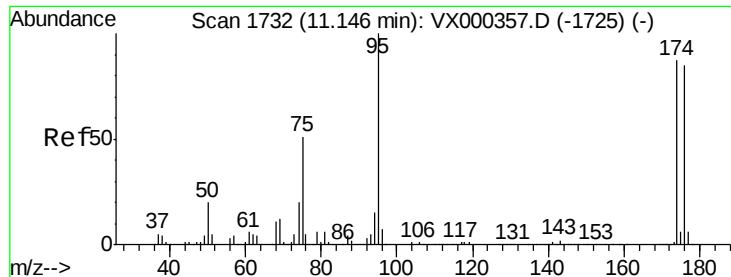
#50
 Toluene-d8
 Concen: 47.67 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000591.D
 Acq: 31 Mar 2018 14:28

Tgt Ion: 98 Resp: 271414
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000591.D

Acq: 31 Mar 2018 14:28

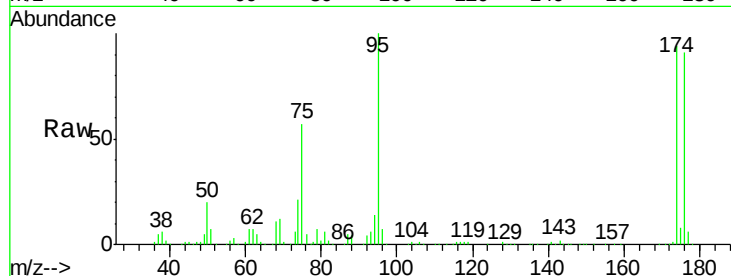
Tot Ion: 95 Resp: 97502

Ion Ratio Lower Upper

95 100

174 90.7 0.0 173.6

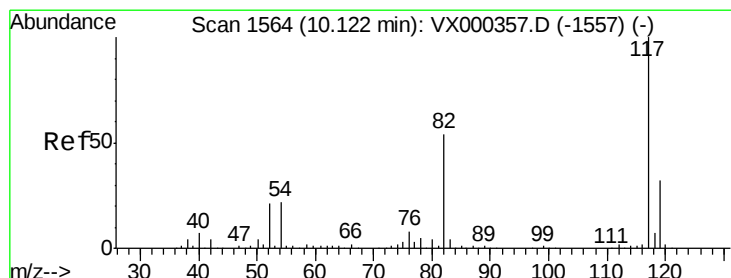
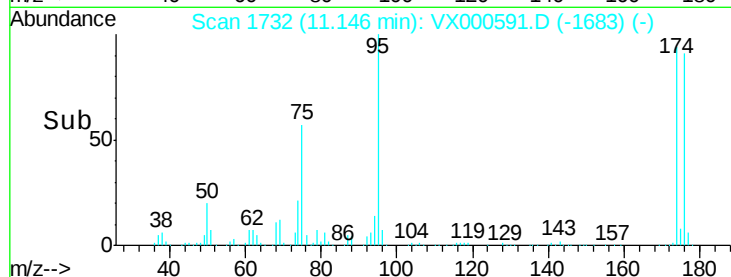
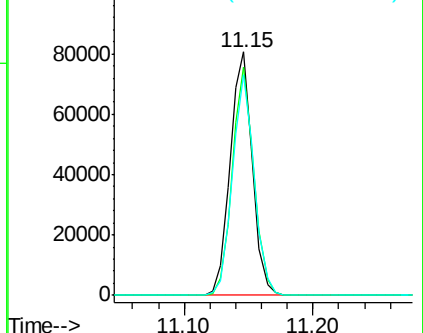
176 88.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000591.D

Acq: 31 Mar 2018 14:28

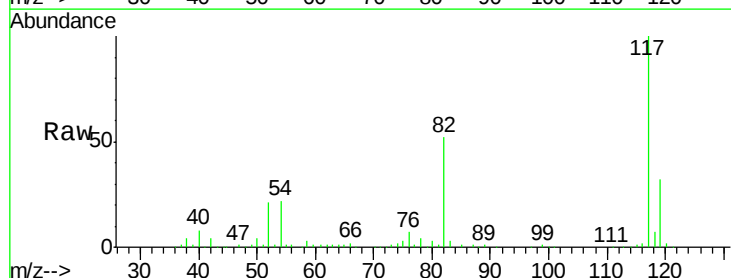
Tgt Ion: 117 Resp: 216692

Ion Ratio Lower Upper

117 100

82 52.3 43.8 65.8

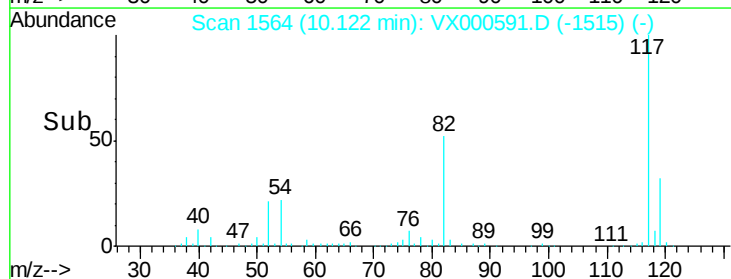
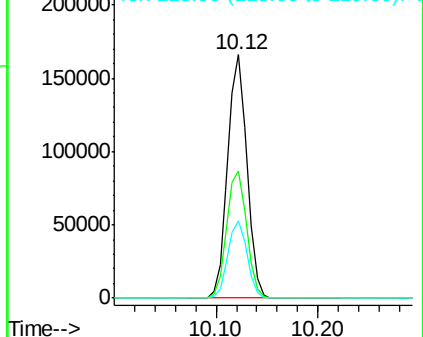
119 32.0 24.9 37.3

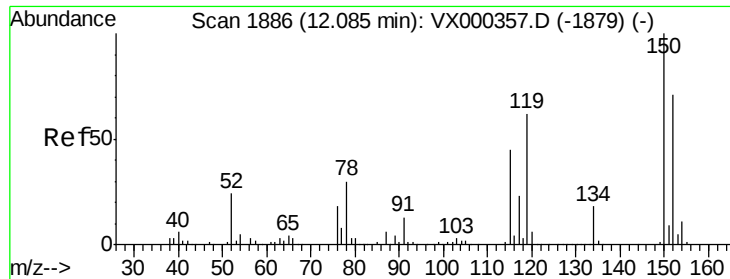


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000591.D

Acq: 31 Mar 2018 14:28

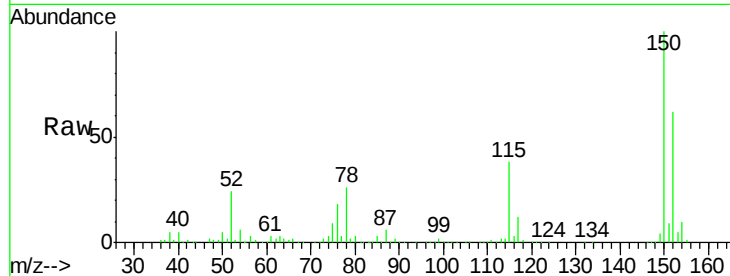
Tot Ion:152 Resp: 114228

Ion Ratio Lower Upper

152 100

115 57.5 39.8 119.3

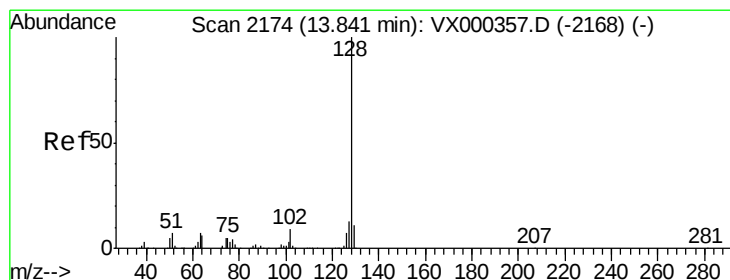
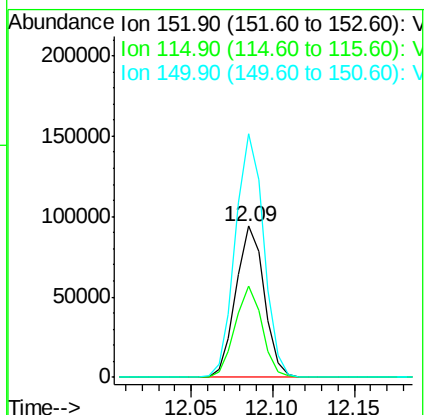
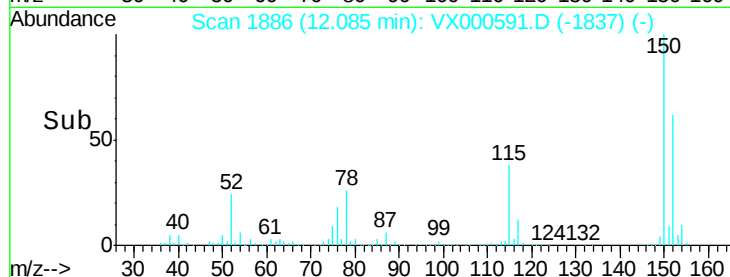
150 160.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 2.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000591.D

Acq: 31 Mar 2018 14:28

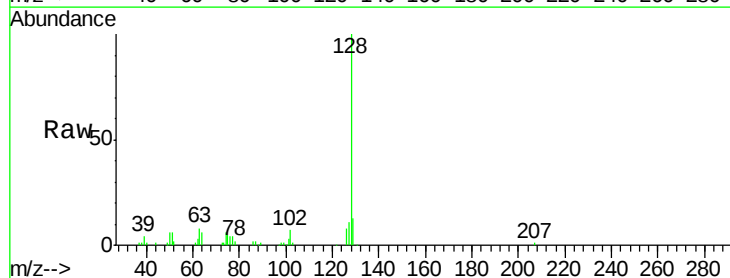
Tgt Ion:128 Resp: 22746

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

